

# Product Datasheet

## dpy-21 Antibody 38560002-0.1mg

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 2

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**38560002-0.1mg**

dpy-21 Antibody

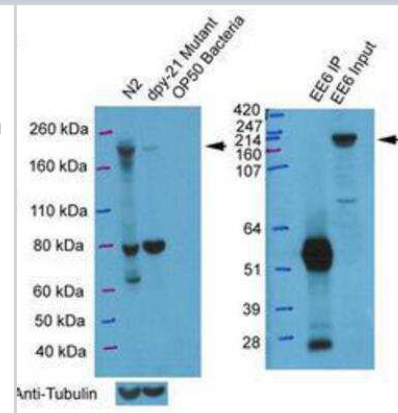
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	20mM Potassium Phosphate (pH 7.0) and 0.15M NaCl

Product Description	
Host	Rabbit
Gene Symbol	DPY21
Species	C. elegans
Reactivity Notes	Caenorhabditis elegans
Specificity/Sensitivity	This dpy-21 antibody is specific for C. Elegans dpy-21.
Immunogen	In vivo generated recombinant protein fragment dpy-21.
Notes	This product was created from the ModEncode Project, a part of the NHGRI, and is sold by SDIX and Novus Biologicals. These C. elegans antibodies were generated in the labs of Jason Lieb, Susan Strome, Julie Ahringer, Arshad Desai, and Abby Dernburg.

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA 1:100-1:2000
Application Notes	This product is useful in ELISA and Western Blot.

**Images**

Western Blot: dpy-21 Antibody [38560002] - This image is specific to animal number SDQ2381 Dilution: 1:10000. Secondary antibody was donkey-anti-rabbit-HRP from GE Healthcare in 1:10000 dilution. As a control, a western with 1:10000 dilution of anti-tubulin was carried out on the stripped membrane. Protein extracts from N2 and dyp-21 mutant worms fed OP50 bacteria were collected. The antibody targets one protein with a size of 181.9 kDa. A second western carried out in 1:10000 dilution of SDQ2381. The protein extracts were obtained after immunoprecipitation. The first lane contains the immunoprecipitated product. The second lane contains the input from EE6 extract.



## Publications

Garrison C, Lastwika K, Zhang Y et al. Proteomic Analysis, Immune Dysregulation, and Pathway Interconnections With Obesity J Proteome Res. 2017-01-06 [PMID: 27769113] (MiAr)

**Details:**

Analysis is performed on plasma proteomic data to identify how obesity can alter pathways and to highlight the risk factor for disease in subjects with a high body mass index.

Rho JH, Lampe PD. High-throughput screening for native autoantigen-autoantibody complexes using antibody microarrays J Proteome Res. 2013-05-03 [PMID: 23541305] (MiAr)

**Details:**

A novel method using antibody microarrays is used to detect autoantibody-antigen complexes that can potentially be useful for detection and characterization of diseases.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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